

SACRAMENTO WASH BASIN

09423820 SACRAMENTO WASH NEAR YUCCA, AZ

LOCATION.--Lat 34°48'40", long 114°09'40", in SE¹/₄SE¹/₄ sec.35, T.17 N., R.18 W., Mohave County, Hydrologic Unit 15030103, at Sante Fe Railroad bridge, 5 mi south of Yucca.

DRAINAGE AREA.--787 mi².

Annual peak discharges

Water year	Date	Annual peak discharge (ft ³ /s)	Discharge codes	Water year	Date	Annual peak discharge (ft ³ /s)	Discharge codes
1965	00-00-65	0		1971	08-12-71	13,000	
1966	12-09-65	2,060		1972	06-00-72	3,010	
1967	09-00-67	800		1973	11-16-72	5,200	
1968	07-00-68	520		1974	07-19-74	4,260	
1969	09-16-69	8,030		1975	00-00-75	0	
1970	00-00-70	3,000		1976	09-25-76	2,100	

Magnitude and probability of instantaneous peak flow based on period of record 1965-76

Discharge, in ft ³ /s, for indicated recurrence interval in years, and exceedance probability, in percent					
2	5	10	25	50†	100†
50%	20%	10%	4%	2%	1%
2,640	5,540	8,200	12,500	16,500	21,200
Weighted skew	(logs) =	0.07			
Mean	(logs) =	3.43			
Standard dev.	(logs) =	0.38			

† Reliability of values in column is uncertain, and potential errors are large.

Basin characteristics

Main channel slope (ft/mi)	Stream length (mi)	Mean basin elevation (ft)	Forested area (percent)	Soil index	Mean annual precipitation (in)	Rainfall intensity, 24-hour	
						2-year (in)	50-year (in)
45.2	48.4	3,400	6.4	2.5	10.1	1.6	3.7

